

What is claimed is:

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1. A bumper structure comprising:

a bumper face;

5 a cross member mounted on a vehicle body;

an under cover disposed at a lower portion of the vehicle body, and extended forward so as to become a bracket for fastening a lower portion of the bumper face to the cross member; and

10 a lower impact absorbing member formed integrally with the under cover, and disposed between the lower portion of the bumper face and the cross member for absorbing an impact between the cross member and the bumper face.

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2. The bumper structure as set forth in Claim 1, wherein the lower impact absorbing member comprises:

a rib provided to be opposed to the lower portion of the bumper face, and

20 a plurality of beads disposed between the rib and the cross member for transmitting the impact from the rib to the cross member, and

wherein the rib and the beads are formed integrally with the under cover.

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3. The bumper structure as set forth in Claim 2, wherein the rib is substantially parallel with the lower portion of the bumper face in a transverse direction of the vehicle body.

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4. The bumper structure as set forth in Claim 2, further comprising:

a bumper beam mounted on the vehicle body; and

an upper impact absorbing member disposed between an upper portion of the bumper face and the bumper beam for absorbing impact between the bumper beam and the upper portion of the bumper face,

wherein a position where the rib is disposed is forward of a predetermined position where an impact absorption by the upper impact absorbing member is saturated, when the upper impact absorbing member is pressed to the bumper beam side.

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5. The bumper structure as set forth in Claim 3, further comprising:

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a bumper beam mounted on the vehicle body; and

an upper impact absorbing member disposed between an upper portion of the bumper face and the bumper beam for absorbing impact between the bumper beam and the upper portion of the bumper face,

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wherein a position where the rib is disposed is forward of a predetermined position where an impact absorption by the upper impact absorbing member is saturated, when the upper impact absorbing member is pressed to the bumper beam side.

6. The bumper structure as set forth in Claim 2, wherein the length of the rib is longer than that of the cross member in a transverse direction of the vehicle body, and

wherein the beads are disposed along the rib in a sectorial shape.

7. The bumper structure as set forth in Claim 5, wherein the length of the rib is longer than that of the cross member in a transverse direction of the vehicle body, and

wherein the beads are disposed along the rib in a sectorial shape.

8. The bumper structure as set forth in Claim 2, wherein each of the beads has a locking pawl to be locked at a locking portion protruded forward from the cross member.

9. The bumper structure as set forth in Claim 7, wherein each of the beads has a locking pawl to be locked at a locking portion protruded forward from the cross member.

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10. The bumper structure as set forth in Claim 8, wherein the locking pawl is formed by cutting away a rear portion of the bead.

11. The bumper structure as set forth in Claim 9, wherein the locking pawl is formed by cutting away a rear portion of the bead.

12. The bumper structure as set forth in Claim 8, wherein the cross member comprises:

a first member having a flange; and

a second member having a flange that is joined with the flange of the first member,

wherein the locking portion is formed by the flange of the first and second members.

13. The bumper structure as set forth in Claim 11, wherein the cross member comprises:

a first member having a flange; and

a second member having a flange that is joined with

the flange of the first member,

wherein the locking portion is formed by the flange  
of the first and second members.

*Handwritten signature and initials*

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